Low Profile USB 2.0 Quick Installation Guide

Keys Features and Benefits

- Compliant with USB specifications revision 2.0
- Conforms to PCI specifications revision 2.2
- Supports simultaneous operation of multiple high-speed USB 2.0 and USB 1.1 devices
- Supports high-speed (480 Mbps), full-speed (12 Mbps), and low-speed (1.5 Mbps) data transfer modes
- User friendly hot-swapping feature allows you to attach/remove USB devices withou turning off your system

> **Note:** USB 1.1 devices are limited to USB 1.1 speeds even when they are connected to USB 2.0 host adapter or USB 2.0 hubs.

Dimensions:

- PCB: 119.91 mm (L) x 64.41 mm (H)
- Bracket: 18.42 mm (W) x 79.20 mm (H)

System Requirements

- Pentium-class computer with one available PCI slot
- Windows 98SE/ME/2000/XP/Server 2003

Package Contents

- *Low Profile USB 2.0* adapter
- Driver diskette
- This quick installation guide

Hardware Installation

General instructions for installing the card are provided below, since the design of computer cases and motherboards vary. Refer to your computer's reference manual for further information, if needed.

Static Electricity Discharge may permanently damage your system. Discharge any static electricity build up in your body by touching your computer's case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges.

1. Turn OFF the power to your computer and any other connected peripheral devices.
2. Unplug the power cord from the back of the computer.
3. Remove your computer's cover.
4. Remove the slot bracket from an available PCI slot.
5. To install the card, carefully align the card's bus connector with the selected PCI slot on the motherboard. Push the board down firmly, but gently, until it is well seated.
6. Replace the slot bracket's holding screw to secure the card.
7. Replace the computer cover and reconnect the power cord.

Driver Installation

The *Low Profile USB 2.0* adapter has three built-in USB hosts. Two hosts handle USB 1.1 devices and the third host handles USB 2.0 devices. USB 1.1 and USB 2.0 devices are automatically routed to the correct USB hosts.

Windows 98SE

1. Install the board and boot up your system. At the **Add New Hardware Wizard**, click **Cancel** three times.
2. Insert the driver diskette. Click **Start**, **Run**, type in **A:\setup.exe**, then click **OK**.
3. Choose **Yes, I want to restart my computer now**, click **Close** to restart Windows, and remove the driver diskette.
4. When Windows restarts, a USB 1.1 host is detected.
5. At the **Add New Hardware Wizard**, click **Next**.
6. Choose **Search for the best driver for your device. (Recommended).**, click **Next**.
7. Clear all check boxes, click **Next**, and **Next** again.
8. Click **Next**, then **Finish**.

   Note: If prompted for the **Windows Installation CD-ROM**, click **OK**. Insert this CD and click **OK**.

9. Repeat steps **5-8** one more time when the second USB 1.1 host is detected.
10. Windows now detects the USB 2.0 host and loads it's driver.
11. The board is now ready for use.

Windows ME/2000

> **Note:** If you have Windows 2000 with **Service Pack 4 (SP4)** or later, the drivers will be installed automatically by the operating system. Otherwise, follow the instructions below.

1. Install the board and boot up your system. At the **Add New Hardware Wizard**, click **Cancel**.
2. Insert the driver diskette. Click **Start**, **Run**, type in **A:\setup.exe**, then click **OK**.
3. Choose **Yes, I will restart my computer now**, remove the driver diskette, then click **Close**.
4. When Windows resumes, the drivers install automatically.
5. The board is now ready for use.

Windows XP

> **Note:** If you have Windows XP with **Service Pack 1 (SP1)** or later, the drivers will be installed automatically by the operating system. Otherwise, follow the instructions below.

1. After installing the board, boot up to Windows. At the **Found New Hardware Wizard**, click **Cancel**.
2. Click **Start**, **Run**, insert the driver diskette, type **A:\setup.exe**, then click **OK**.
3. At the **Software Installation** window click **Continue Anyway**. *Our driver has been thoroughly tested in Windows for stability.*
4. Choose **Yes, I will restart my computer now**, remove the driver diskette, then click **Close**.

5. Windows XP automatically loads drivers for two USB 1.1 hosts. This driver is built in with Windows XP.
6. Windows now detects the USB 2.0 host and prompts you to load it's driver.
7. At the **Found New Hardware Wizard**, select **Install the Software Automatically (Recommended)**, click **Next**, then **Finish**.
8. If prompted, repeat step 7. Otherwise, restart Windows to complete the installation.

Windows Server 2003

Windows Server 2003 has built-in driver support for this controller. Just install the board and Windows will automatically detect and install the correct drivers for it. No additional driver is necessary.

To Verify Windows Driver Installation

1. Check **Device Manager** to verify successful driver installation.

   Windows 98SE/ME: From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.

   Windows 2000/XP/2003: Right click **My Computer**, then click **Manage**. Click **Device Manager**.

2. The drivers for this controller show up differently under different versions of Windows. Please refer to the correct Windows version to verify on page 6.

Windows Server 2003, XP with SP1 or later, 2000 with SP4 or later:

Under **Universal Serial Bus controllers:**

- **NEC PCI to USB Open Host Controller**
- **NEC PCI to USB Open Host Controller**
- **Standard Enhanced PCI to USB Host Controller**
- **USB Root Hub** (**USB 2.0 Root Hub** in Win2K)
- **USB Root Hub**
- **USB Root Hub**

Windows XP, 2000 (sp3 or earlier), ME, 98SE:

Two **Universal Serial Bus controllers** are listed:

a) Under a **Universal Serial Bus controllers:**

- **NEC PCI to USB Enhanced Host Controller**
- **USB 2.0 Root Hub Device**

b) Under a **Universal Serial Bus controllers:**

- **NEC ... USB Open Host Controller ...**
- **NEC ... USB Open Host Controller ...**
- **USB Root Hub**
- **USB Root Hub**

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our website at ***www.siig.com*** and click on **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and one of our technical support analysts will promptly respond.

A lifetime manufacturer warranty supplied with this product is offered by SIIG, Inc. Please see SIIG website for more warranty details. If you should happen to encounter any problems with this product, please follow the procedures below.

If it is within the store's return policy period, please return the product to the store where you purchased from.

If your purchase has passed the store's return policy period, please follow these steps to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to **www.siig.com**, click **Support**, then **RMA** to submit a request to SIIG RMA. If the product is determined to be defective, an RMA number will be issued. SIIG RMA department can also be reached at (510)413-5333.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All software, cable(s) and any other accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping the product to SIIG at the following address:

  SIIG, Inc.
  6078 Stewart Avenue
  Fremont, CA 94538
  RMA #:_____

- SIIG will ship the repaired or replaced product via Ground in the U.S and International Economy outside of the U.S at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading computer upgrade manufacturer of I/O connectivity products, including PCI & ISA serial and parallel ports, USB, Serial ATA & UltraATA controllers, FireWire (1394a/b), Networking, Sound Cards, and other accessories. SIIG is the premier one-stop source of upgrades.

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PRODUCT NAME
Low Profile USB 2.0

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

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